

2 FEB.

Work Order ID 156141

156141

Page 1

Thursday, January 26, 2017 1:53:54 PM

Item ID: D139-799-017

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cargo Floor Protector - Cargo Compartment

Start Date: 1/27/2017 Start Qty: 2.00

2

Cust Item ID:

Required Date: 2/2/2017 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan:

Date: JAN 26 2017 Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN-D139-799

L

DAS
6
9-89

JAN 27 2017

DAS
21
9-89

1701-30
2

100

Document Control

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D139-799-017
CHG004

2
DAS
27
9-89
FEB 07 2017

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

2
JAN 28 2017

DAS
6
9-89
DAS
28
9-89

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.01

Quality Control

2
DAS
27
9-89
FEB 02 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Work Order ID 156141

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Page 2

Item ID: D139-799-017

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cargo Floor Protector - Cargo Compartment

Start Date: 1/27/2017 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 2/2/2017 Req'd Qty: 2.00 ***2***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00				2	DA 27	DAS 28	
Packaging	Identify and pack for shipping as per PPP D139-799-017						9-8:	9-88	
	Location: <u>FE010</u>								
	PPP rev: _____								
									FEB 02 2017
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.03							
Quality Control									


FEB 02 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER : ☐							

Picklist Print

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Page 1

Work Order ID: 156141

156141

Parent Item: D139-799-017

D139-799-017

Parent Item Name: Cargo Floor Protector - Cargo Compartment

Start Date: 1/27/2017

Required Date: 2/2/2017

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:B 10.06.08 new issue DD verf:JLM IPP REV:B
AS PER ECN 11-598 11-06-05 JLM VERF BY:DD IPP Rev:C 11.09.27
PER CHG003 DD verf:EC IPP Rev:D 11.11.16 removed (1)
D4153-1 & add (1) -3 DD verf:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3580-1 *D3580-1* Joggle Bracket		Manufactured	No			110	Each	1.0000	2	4												
DAS 27 9-89 3X B/55283 JAN 28 2017 DAS 28 9-89																						
<table border="1"> <thead> <tr> <th>Location</th> <th>Loc Qty</th> <th>Loc Code</th> </tr> </thead> <tbody> <tr> <td>ST043</td> <td>1</td> <td></td> </tr> <tr> <td>153508</td> <td>1</td> <td></td> </tr> </tbody> </table>														Location	Loc Qty	Loc Code	ST043	1		153508	1	
Location	Loc Qty	Loc Code																				
ST043	1																					
153508	1																					

D3628-1 *D3628-1* Washer, Cupped		Manufactured	No			110	Each	12.0000	2	4																		
DAS 27 9-89 31898x2 JAN 28 2017 DAS 28 9-89																												
<table border="1"> <thead> <tr> <th>Location</th> <th>Loc Qty</th> <th>Loc Code</th> </tr> </thead> <tbody> <tr> <td>FG</td> <td>10</td> <td></td> </tr> <tr> <td>83587</td> <td>10</td> <td></td> </tr> <tr> <td>ST046</td> <td>2</td> <td></td> </tr> <tr> <td>149001</td> <td>2</td> <td></td> </tr> </tbody> </table>														Location	Loc Qty	Loc Code	FG	10		83587	10		ST046	2		149001	2	
Location	Loc Qty	Loc Code																										
FG	10																											
83587	10																											
ST046	2																											
149001	2																											

D4130-5 *D4130-5* Fwd Cargo Floor Protector		Manufactured	No			110	Each	0.0000	1	2												
DAS 27 9-89 156142 FEB 01 2017 DAS 28 9-89																						
<table border="1"> <thead> <tr> <th>Location</th> <th>Loc Qty</th> <th>Loc Code</th> </tr> </thead> <tbody> <tr> <td>PK</td> <td>1</td> <td></td> </tr> <tr> <td>ST</td> <td>-1</td> <td></td> </tr> </tbody> </table>														Location	Loc Qty	Loc Code	PK	1		ST	-1	
Location	Loc Qty	Loc Code																				
PK	1																					
ST	-1																					

D4130-7 *D4130-7* Center Cargo Floor Protector		Manufactured	No			110	Each	0.0000	1	2			
DAS 27 9-89 156143 FEB 01 2017 DAS 28 9-89													

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By _____					
				Lead hand / Supervisor Approval Verification _____					
				QC / QA Coordinator Approval _____					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Work Order ID: 156141

156141

Parent Item: D139-799-017

D139-799-017

Parent Item Name: Cargo Floor Protector - Cargo Compartment

Start Date: 1/27/2017

Required Date: 2/2/2017

Start Qty: 2.00

Required Qty: 2.00

D4130-9 Manufactured No 110 Each 0.0000

D4130-9

Aft Cargo Floor Protector

D4153-1 Manufactured No 110 Each 5.0000

D4153-1

Joggle Bracket

D4153-3 Manufactured No 110 Each 9.0000

D4153-3

Joggle Bracket

D4166-1 Manufactured No 110 Each 32.0000

D4166-1

Placard, Max Load

Location Loc Qty Loc Code

ST198 5

149007 5

Location Loc Qty Loc Code

ST198 9

149008 9

Location Loc Qty Loc Code

ST088 32

137500 32

15644 FEB 01 2017

JAN 28 2017

JAN 28 2017

JAN 28 2017

JAN 28 2017

JAN 28 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

5.0 PARTS LIST

Qty -011	Qty -012	Qty -017	Qty -019	Qty -112	Qty -211	Qty -212	Qty -213	Part Number	Description
X								D139-799-011	MAINTENANCE STEP KIT, LH
	X							D139-799-012	MAINTENANCE STEP KIT, RH
		X						D139-799-017	CARGO FLOOR PROTECTOR KIT
			X					D139-799-019	CABIN FLOOR PROTECTOR KIT
				X				D139-799-112	MAINTENANCE STEP WITH GRAB BAR KIT, RH
					X			D139-799-211	QUICK RELEASE MAINTENANCE STEP KIT, LH
						X		D139-799-212	QUICK RELEASE MAINTENANCE STEP KIT, RH
							X	D139-799-213	QUICK RELEASE MAINTENANCE STEP PROVISIONS KIT
		2						D3580-1	JOGGLE BRACKET
		2	8					D3628-1	CUPPED WASHER
1								D4092-041	MAINTENANCE STEP ASSEMBLY
	1							D4092-042	MAINTENANCE STEP ASSEMBLY
			1					D4130-1	FWD CABIN FLOOR PROTECTOR
			1					D4130-3	AFT CABIN FLOOR PROTECTOR
		1						D4130-5	FWD CARGO FLOOR PROTECTOR
		1						D4130-7	CENTER CARGO FLOOR PROTECTOR
		1						D4130-9	AFT CARGO FLOOR PROTECTOR
		1						D4153-1	JOGGLE BRACKET
		1						D4153-3	JOGGLE BRACKET
			4					D4153-5	CLAMP PLATE
		2						D4166-1	PLACARD, MAX LOAD
				1				D4526-042	MAINTENANCE STEP ASSEMBLY, RH
					1			D5238-041	MAINTENANCE STEP ASSEMBLY
						1		D5238-042	MAINTENANCE STEP ASSEMBLY
					1	1	1	D5238-043	LOWER BRACKET, AFT
					1	1	1	D5238-045	LOWER BRACKET, FWD
					1	1	1	D5245-1	MOUNTING BOLT
2	2			2	2	2	2	AN6H12A	BOLT
2	2			2	1	1	1	AN6H13A	BOLT
6	6			6	5	5	5	NAS1149D0663J	WASHER (or AN960JD616)